



State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-3406 FAX (603) 271-7894



Mr. John Wong  
1 Fairway Drive  
Dover, NH 03820

December 17, 2001  
Letter of Deficiency  
DAM #014.31

RE: Upper Wildlife Pond, Barnstead

Dear Mr. Wong:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on August 3, 1999 and July 31, 2001. During these visual inspections and/or file reviews, the following deficiencies were observed:

1. There is leakage that could be heard at the base of the 24-inch CMP drop inlet. The inlet was inaccessible at the time of the inspection;
2. The downstream embankment of the dam is in need of brush cutting, in particular, in the vicinity of the outlet pipe;
3. The dam was designed with 2 toe drains that exit near the outlet. Their exit points were not clearly visible;
4. The emergency spillway was in need of revegetation. Brush removal is needed on the upstream and downstream reaches of the emergency spillway;
5. There is no operation and maintenance plan on file for this dam.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

**February 5, 2002:**

1. Submit a draft operation and maintenance plan for this dam. Please refer to the enclosed guideline and example plan;

**June 1, 2002:**

2. Remove brush from the downstream embankment of the dam, in particular, in the vicinity of the outlet pipe. Remove brush from the upstream and downstream reaches of the emergency spillway;
3. Remove brush in the vicinity of the two toe drains that exit near the outlet. Their exit points were not clearly visible; and
4. Revegetate the eroded sections of the emergency spillway.

Until the emergency spillway can be repaired water levels should remain well below the top of the drop inlet.

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DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

**COPY**

Grace E. Levergood, P.E.  
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule ✓

Town of Barnstead

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